

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Samuel G. ARMATO, III, et al.

SERIAL NO: New Application

GAU:

FILED: Herewith

EXAMINER:

FOR: AUTOMATED METHOD AND SYSTEM FOR THE EVALUATION OF DISEASE AND REGISTRATION  
ACCURACY IN THE SUBTRACTION OF TEMPORALLY SEQUENTIAL MEDICAL IMAGES

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. <b>245430US20</b>		SERIAL NO. <b>New Application</b>	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT <b>Samuel G. ARMATO, III, et al.</b>			
				FILING DATE <b>Herewith</b>		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	4,482,918	11/13/1984	Keyes et al.			
	AB	2002/0102014 A1	08/01/2002	Ozaki et al.			
	AC	5,987,345	11/16/1999	Engelmann et al.			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES                      NO		
	AO	00/25255	05/04/2000	WIPO	X		
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AW	Shoji Kido, et al.; Computerized detection of pulmonary nodules by single-exposure dual-energy computed radiography of the chest (part 1); PII: S0720-048X (02) 00268-1, European Journal of Radiology (EJR) 44 (2002) 198-204.					
	AX	Shoji Kido, et al., Detection of simulated pulmonary nodules by single-exposure dual-energy computed radiography of the chest: effect of a computer-aided diagnosis system (Part 2); PII: S0720-048 (02) 00269-3; European Journal of Radiology (EJR) 44 (2002) 205-209.					
	AY	Michael S. Van Lysel, M.S. et al., Work in Progress: Hybrid Temporal-Energy Subtraction in Digital Fluoroscopy; Radiology 147: 869-874, June 1983.					
	AZ	Shigeru Sanada, et al.; Temporal Subtraction Technique for detection of Subtle Anomalies on Temporally Sequential Bone-subtracted Chest Radiographs by Energy Subtraction.; Jpn. J. Radiol. Technol. Vol. 56 No. 3.; March 2000.				<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							